

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 9 (2/28/2021- 3/06/2021)

In line with the start of the new year and public health reporting standards, this Weekly Report shows Week 9. The cumulative data within this report is from March 15, 2020 – March 6, 2021.

COCONINO COUNTY
March 12, 2021



Situation Summary

MMWR Week 9 (2/28/2021-3/6/2021)

A total of 16,585 positive COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – March 6, 2021.

Deaths: 296 (2% of cases)

Probable Deaths: 5

Recovered Cases: 15,337

(92% of cases)

Hospitalizations: 1,213

(7% of cases)

Cases Reported Week 9 (February 28, 2021 - March 6, 2021):

163
Positive
Cases

5,730
Negative
Tests

113.6
Rate per
100,000

6.1%*
Positivity
Yield

Community Transmission

- Coconino County has a current **incidence rate of 113.6 per 100,000**, **percent positivity of 6.1%***, and **COVID-19-Like-Illness incidence (CLI) of 1.7%****.
- Coconino County is currently at a **substantial ***** level of community transmission.

Benchmarks	Minimal	Moderate	Substantial
Cases	<10 cases/100,000	10-100 cases/100,000	>100 cases/100,000
Percent Positivity	<5%	5-10%	>10%
COVID-19-Like-Illness	<5%	5-10%	>10%

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

***Percent positivity was calculated using only ELR data due to insufficient reporting.**

****Incidence rate and percent positivity data are from week 9. CLI is reported using hospital surveillance at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations.**

***** ADHS defines community spread level thresholds to be met for two-consecutive weeks before moving to a different risk-category. Week 8 met the benchmarks for Substantial level of community spread.**

Cumulative Counts (March 15, 2020 - March 6, 2021):

16,585
Positive
Cases

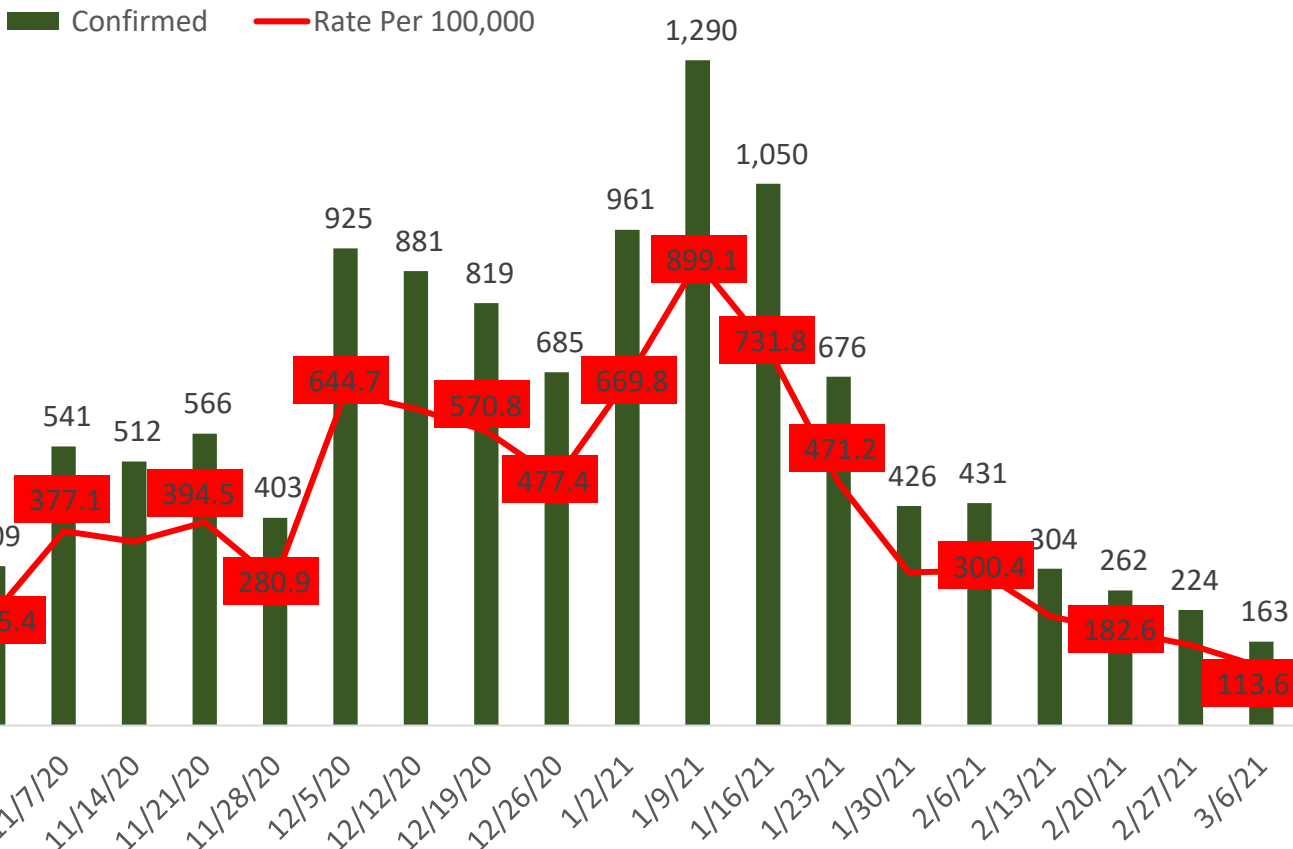
204,639
Total
Tests

83,243
People
Tested

11.8%
Positivity
Yield

11,559.4 cases per 100,000 Coconino County Residents
vs.
11,526.3 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



COVID-19 Situation Summary*

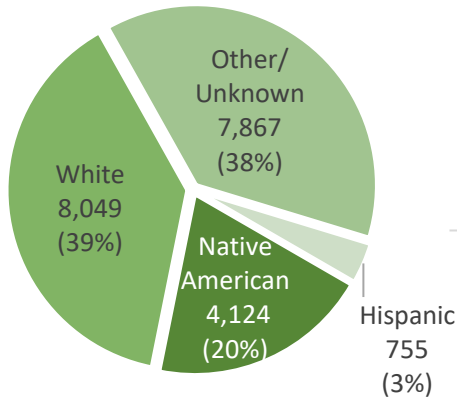
Please visit Vaccine Administration at azdhs.gov for additional Coconino County vaccine data.

Current Phase: 1a and 1b

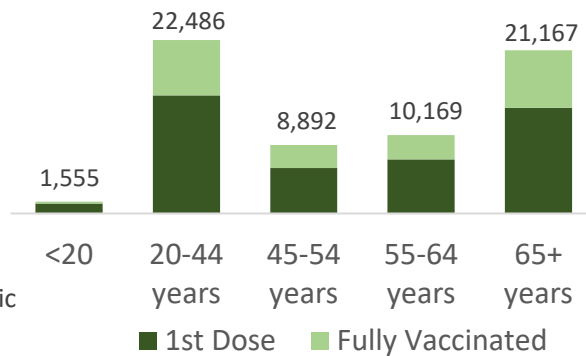
as of 3/12/21

COVID-19 Vaccinations Among Coconino County Residents:

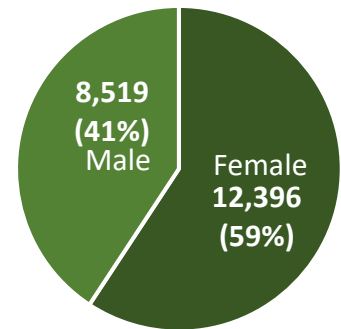
Fully Vaccinated by Race**



Vaccinations by Age



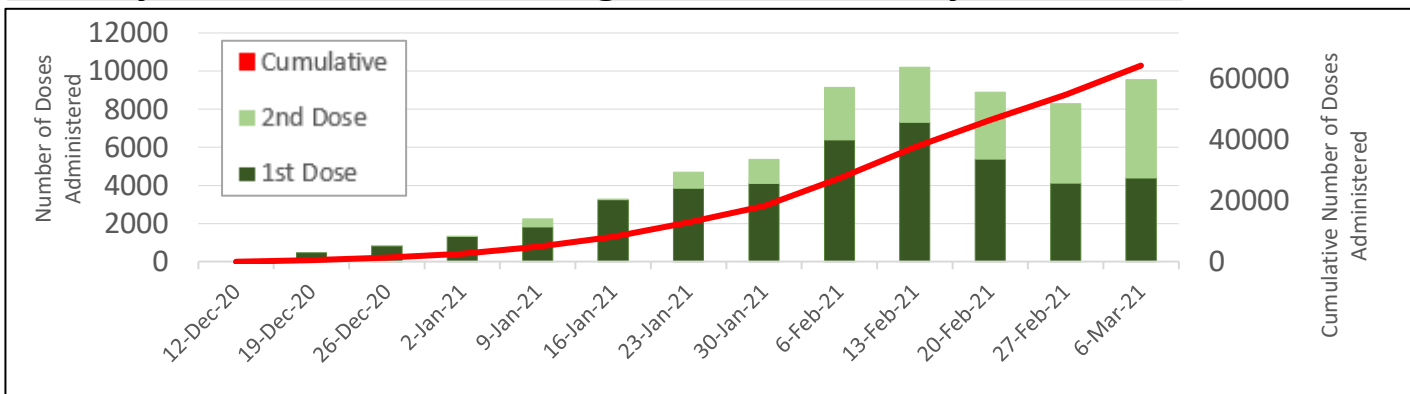
Fully Vaccinated by Sex



**The following races account for less than 1% of total vaccinations:

Asian (158), Black or African American (70), Native Hawaiian/Other Pacific Islander (52).

Weekly Vaccine Counts Among Coconino County Residents:



Vaccinations by Residency:

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000
Flagstaff	25,384	12,547	13,484
86001	9,886	5,074	11,021
86004	10,458	4,961	13,858
86005	4,395	2,168	64,581
86011	645	344	3,770

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000
Page	2,926	1,194	15,821
Tribal Communities	8,448	4,329	16,980
Williams	970	281	5,336
Grand Canyon	771	352	14,165
Other Areas	4,739	2,372	24,631

*Vaccinations reported from 12/07/20-3/6/21

COVID-19 Situation Summary*

Age:

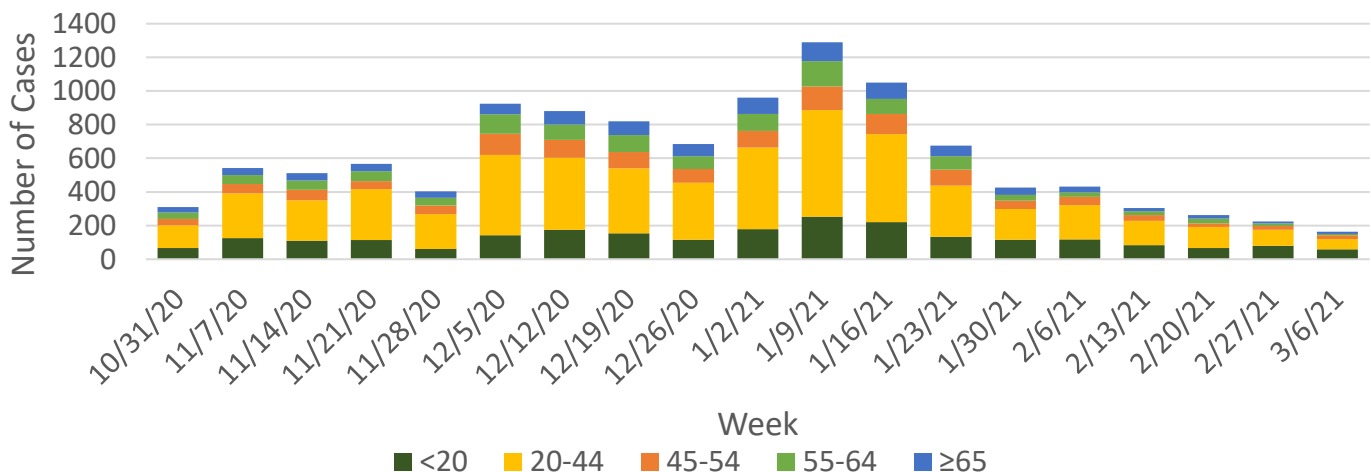
Age	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
<20 years	3,381	15,776	13.3%	39,016.67	8,361.77
20-44 years	8,171	39,260	11.7%	73,191.65	15,233.04
45-54 years	1,918	9,448	12.7%	66,325.03	13,464.37
55-64 years	1,675	9,306	10.9%	56,158.35	10,108.02
65+ years	1,440	9,418	9.9%	50,672.55	7,747.77

The median age of Coconino County COVID-19 cases is 31 years old

Key Take Away

- The highest **case incidence** for week 9 was observed among residents aged 45-54 and <20 with an incidence of 154.4 and 145.9 per 100,000, respectively.
- The highest **positivity yield** for week 9 was observed among residents aged <20 and 45-54 with a positivity yield of 8.5% and 7.0%, respectively.
- The highest overall **testing incidence** was observed among residents aged 20-44 years (nearly 44% higher than that of 65+ years).

Age of Confirmed Cases by Week



*Cases reported from 3/15/20-3/6/21

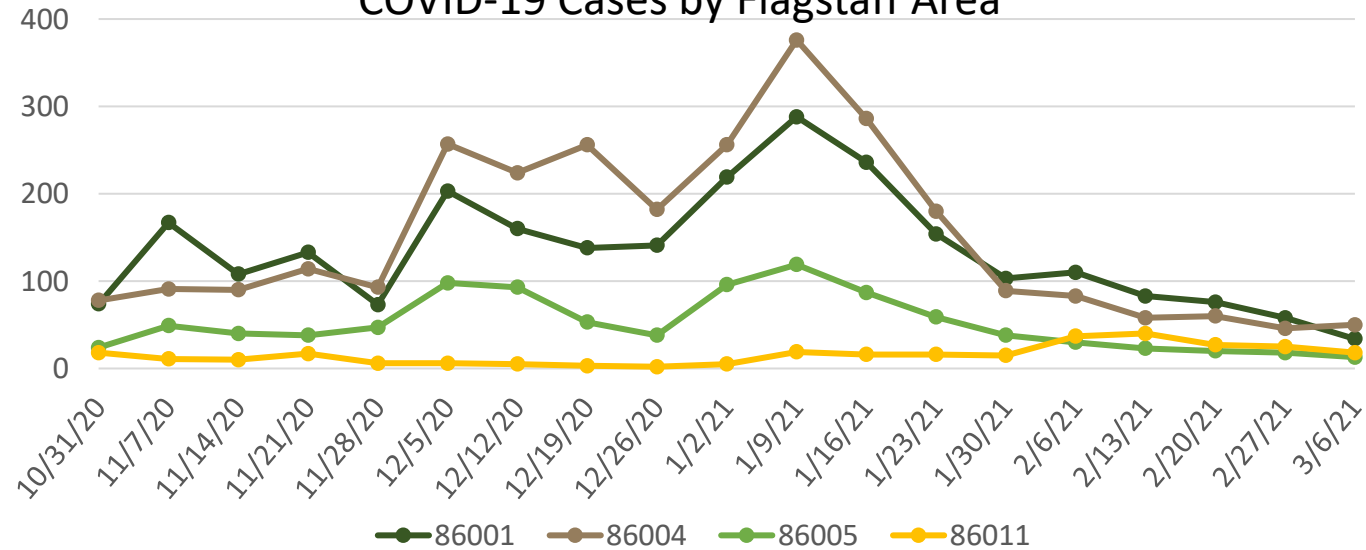
Location:

Location	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
Flagstaff	9,796	55,350	9.9%	59,482.2	10,527.3
Page	1,152	5,270	18.9%	69,829.1	15,264.3
Tribal Communities	4,374	13,700	16.6%	53,736.0	17,156.3
Williams	553	2,534	15.2%	48,120.0	10,501.3
Grand Canyon	191	983	14.2%	39,557.3	7,686.1
Other Areas	519	2,519	15.8%	26,157.8	5,389.4

Key Take Away

- The highest **decrease of cases** in the Flagstaff area from the previous week was observed in 86001 with a 41%. The highest **increase of cases** was observed in 86004 with a 9% increase.
- The highest **increase of cases** in Other Areas from the previous week was observed in Williams with a 14% increase. The highest **decrease of cases** was observed in Page with a 55% decrease.
- The highest overall **testing incidence** rate was observed in Page.

COVID-19 Cases by Flagstaff Area

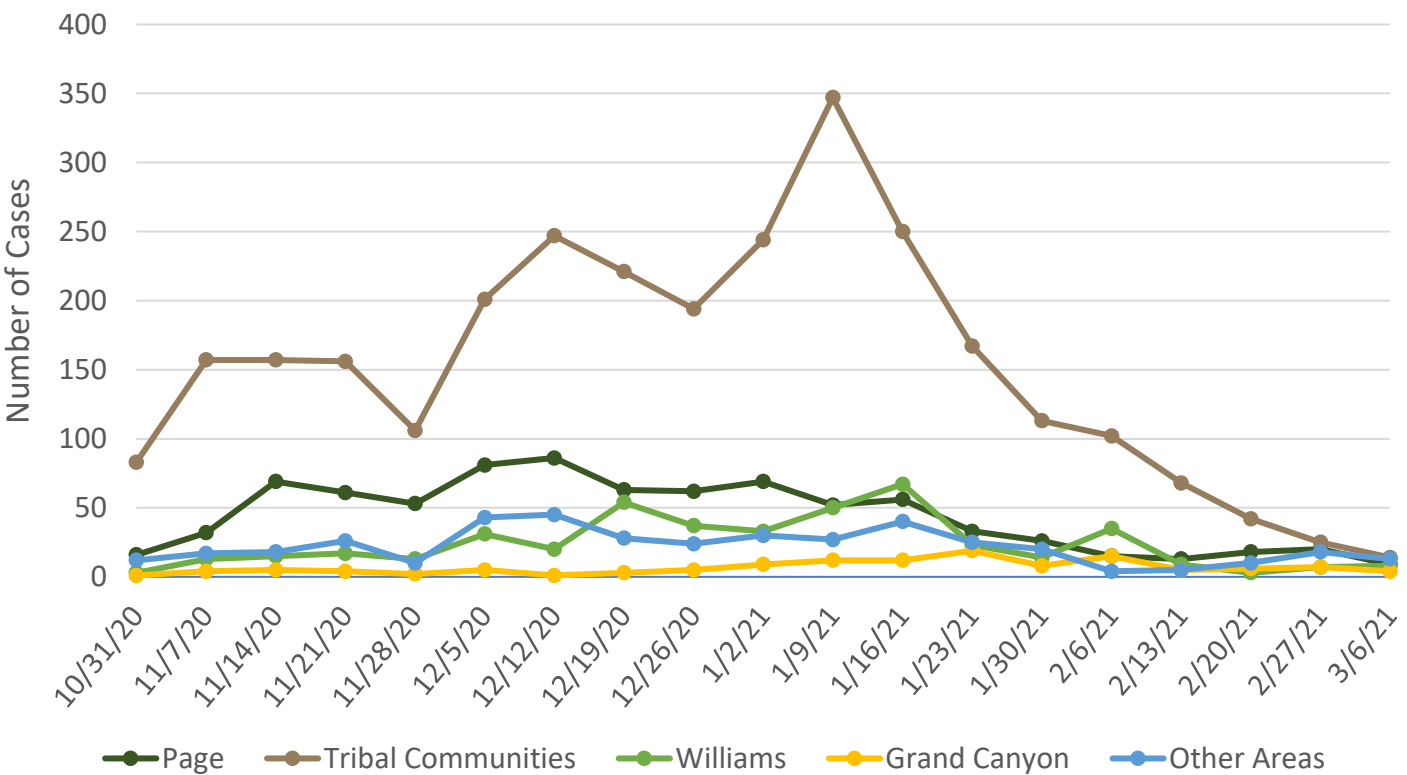


*Cases reported from 3/15/20-3/6/21

COVID-19 Situation Summary*

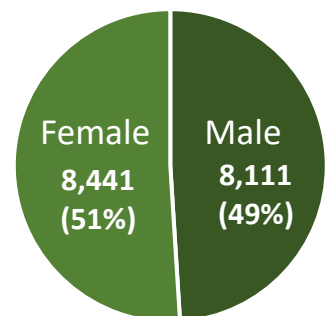
Location:

COVID-19 Cases by Other Geographic Area



Sex:

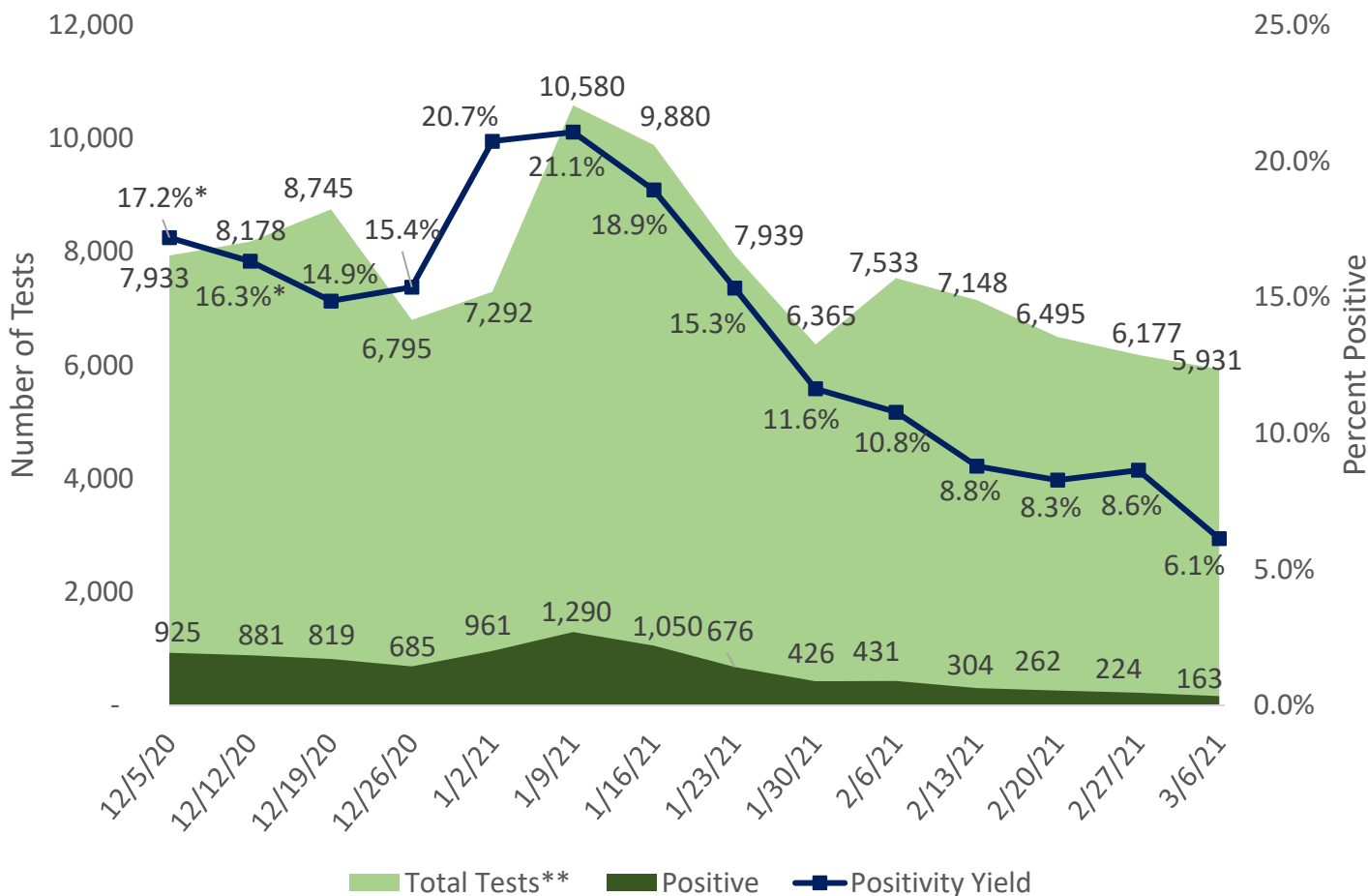
Sex	Confirmed Cases	Total Tests	Positivity Yield	Case Incidence per 100,000
Female	8,441	43,996	10.8%	11,652.4
Male	8,111	38,638	12.9%	11,418.2



Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 14% more tests than male residents.
- Male residents have higher testing positivity yields.

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

**Data was changed to display total tests per week rather than number of people tested per week.

COVID-19 Diagnostic Testing:

People Tested: A total of 83,243 Coconino County residents have been tested.

Tests Conducted: A total of 204,639 tests have been conducted among Coconino County residents.

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 7,102**

Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 165 (As of 3/6/2021)**
- **Total individuals monitored to date: 5,974**

Hospitalizations

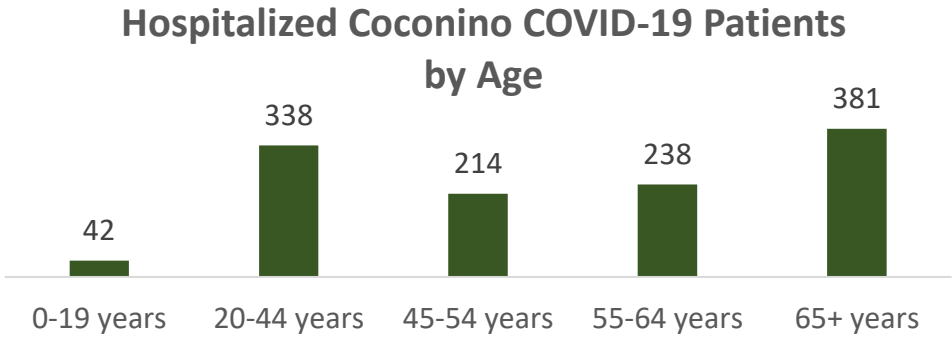
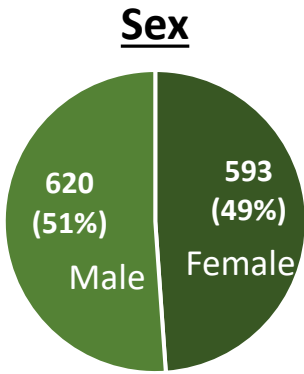
(not all hospitals are currently reporting hospitalization data to Coconino County):

Percentage of Cases
7%

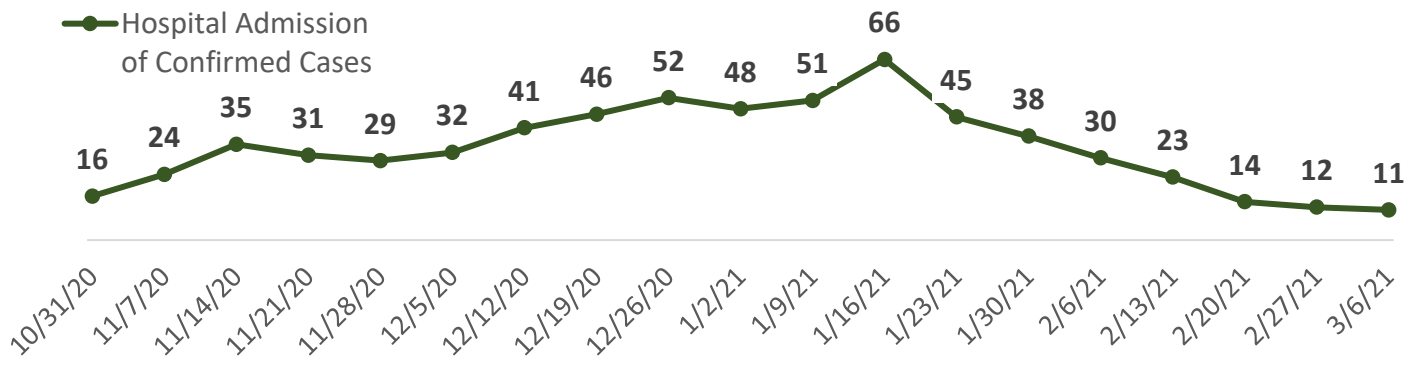
Hospitalized
1,213

Hospitalizations Per 100,000
845.4

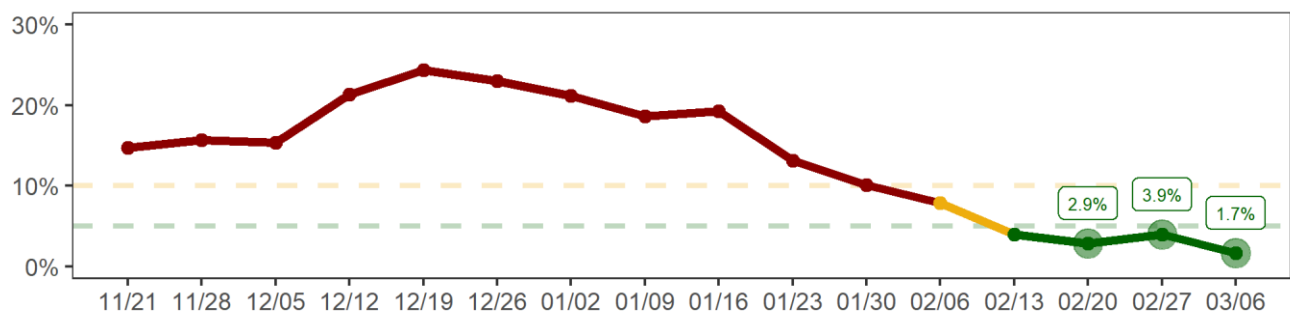
16% of hospitalized residents were in the ICU and 7% were intubated.



Weekly Case Counts Among Coconino County Residents:



Hospital Visits with COVID-Like Illnesses Among Coconino County Residents:



*Cases reported from 3/15/20-3/6/21

CLI Graph represents data from hospital surveillance at the county level. Not all county hospitals are reporting CLI.

9

COVID-19 Situation Summary*

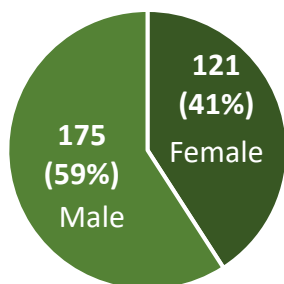
COVID-19 Related Deaths:

Percentage of
Cases
2%

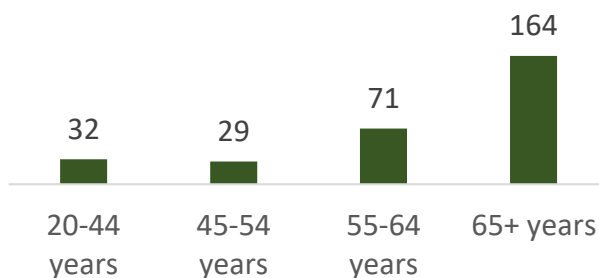
Deaths
296

Fatalities
Per 100,000
206.3

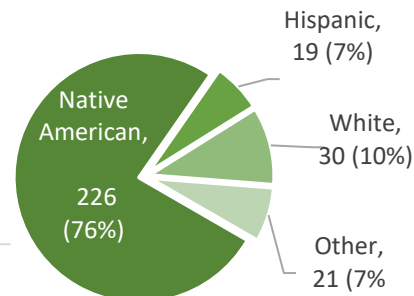
Sex



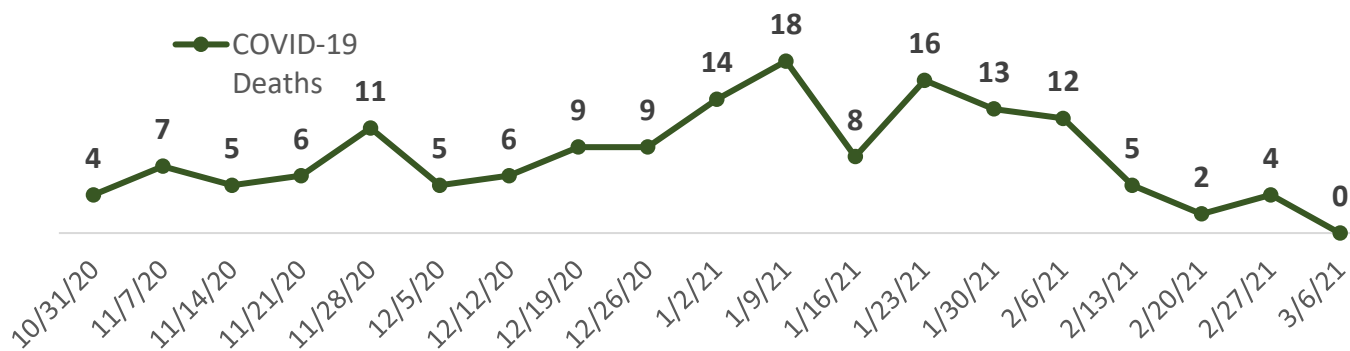
Coconino COVID-19 Deaths by Age



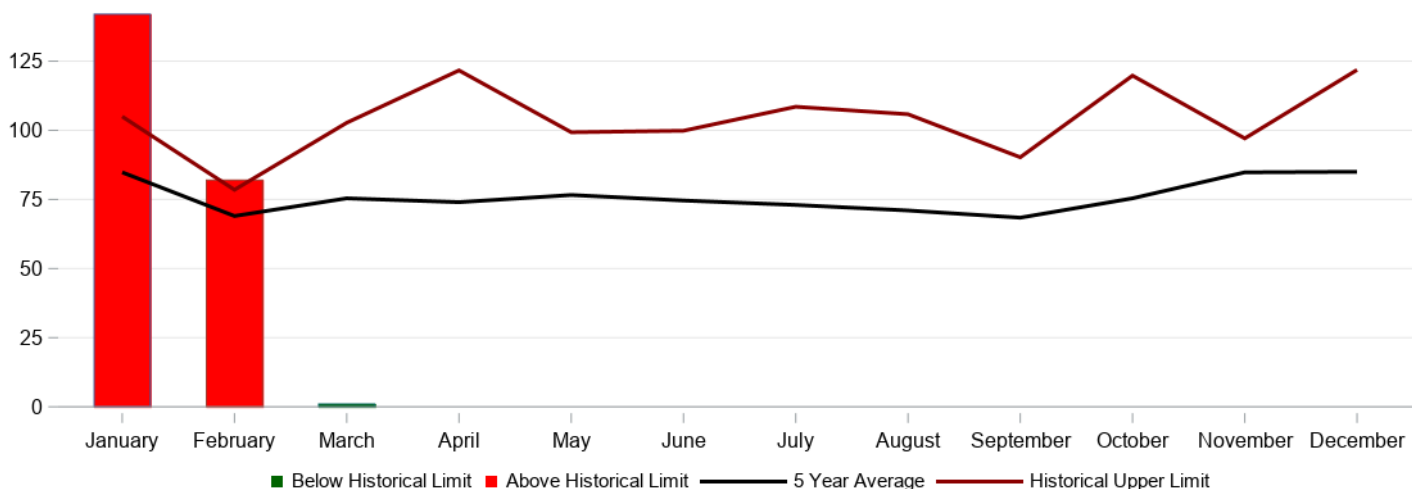
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2021 All Deaths Aberration



*Cases reported from 3/15/20-3/6/21